

MISSOURI GEOGRAPHIC REFERENCE SYSTEM  
MISSOURI DEPARTMENT OF NATURAL RESOURCES  
GEOLOGICAL SURVEY AND RESOURCE ASSESSMENT DIVISION  
LAND SURVEY PROGRAM  
PO Box 250, Rolla, Missouri 65402, (573) 368-2300

STATION NAME: B 340

PID: JD2784

COUNTY: OSAGE

STATE: MISSOURI

TOWNSHIP: 43 NORTH, RANGE: 10 West, SECTION: SE 1/4 10

USGS 7.5' QUAD: Westphalia West

DATE MONUMENTED: 1986

MONUMENTED BY: NGS

**TECHNICAL DATA TABLE:**

(All data in meters 1 meter = 3.28083333 feet)

**HORIZONTAL:** NAD 1983 (1997)**VERTICAL:** NAVD 1988

DATE OF OBSERVATIONS: 2004

DATE OF OBSERVATIONS: 1991

ORDER: 1st

ORDER: 1st

LATITUDE: 38°28'54.33934"

ELEVATION: 169.816

LONGITUDE: 92°00'16.75200"

ELLIPSOID HEIGHT: 137.75

**MISSOURI COORDINATE SYSTEM 1983:**

NORTH (Y): 294020.882

EAST (X): 543218.596

ZONE: Central

CONVERGENCE: 00°18'30"

GRID FACTOR: 0.9999347

**AZIMUTH INFORMATION:**

STATION: B 340

AZIMUTH MARK:

GEODETIC:

ASTRONOMIC: None Established

GRID:

**REMARKS**

The HORIZONTAL POSITION was determined by GPS observations and adjusted by the Missouri Department of Natural Resources in 2005.

The ELEVATION was determined from published data from the National Geodetic Survey.

The ELLIPSOID HEIGHT was determined by GPS observations referenced to NAD83.

GEOID 03 was used in determining ELEVATION.

**STATION:** B 340

**DESCRIPTION:** The station is a stainless steel rod, access to the rod is through a 5 inch aluminum NGS logo cap. The logo cap is stamped B 340, 1986

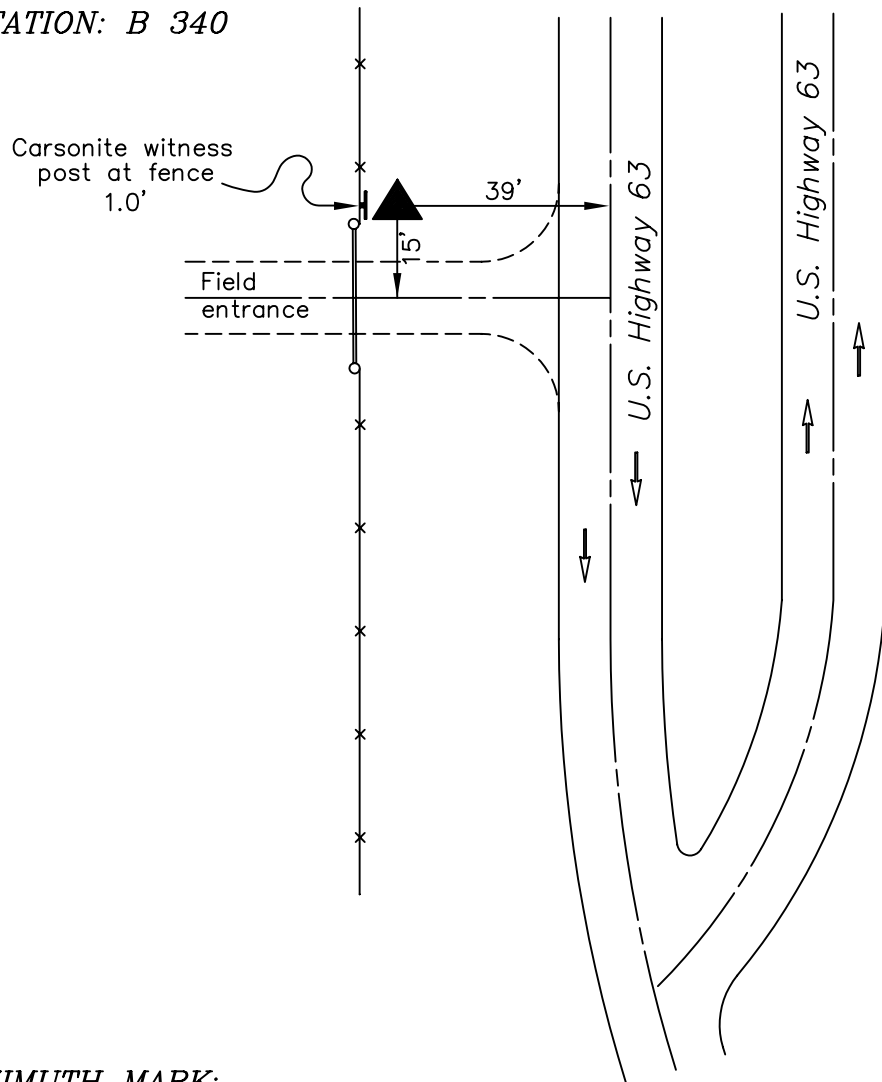
**STATION, AZIMUTH MARKS AND REFERENCE TIES:** The station is about 2.5 miles north of Westphalia and about 0.7 miles south of the intersection of Highway 50 and Highway 63. It is 39 ft west of the center of south bound lane of Highway 63; 15 ft. north of the center of a field entrance and 1 ft. east of a carsonite witness post in the fence.

**STATION & AZIMUTH MARK TO REACH:** To reach the station from the intersection of Highway 63 and Highway 50 go south along Highway 63 for 0.7 miles to the station as described.

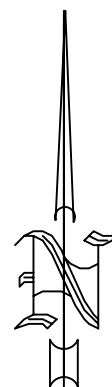
**SPECIAL INFORMATION:**

**SUPERSEDED SURVEY CONTROL:**

MODNR (2002)      LAT: 38 28'54.34025"      LONG: 92 00'16.75319"



AZIMUTH MARK:



NOT TO SCALE

An azimuth mark was not established at this time.